
ABBREVIATIONS

AAQS	ambient air quality standards
ANC	acidification neutralization capacity
AQRV	air quality related values
AREV	State engineer's office water rights database and program
AVF	alluvial valley floor
BACT	best available control technology
bcy	bank cubic yards
BLM	Bureau of Land Management
B.P.	before present
Btu	British thermal units
CAA	Clean Air Act of 1990
CAAA	Clean Air Act Amendment
CBM	coal bed methane
CASTNet	Clean Air Status and Trends Network
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR	Code of Federal Regulations
CHIA	Cumulative Hydrologic Impact Assessment
CO	carbon monoxide
COE	Army Corps of Engineers
cy	cubic yards
dBA	A-weighted decibels
DEIS	draft environmental impact statement
DM&E	Dakota, Minnesota & Eastern Railroad Corporation
DOE	Department of Energy
DOI	Department of the Interior
DOJ	Department of Justice
dv	deciview, a measure of view impairment

EA	environmental assessment
EC	elemental carbon particles (re: air quality)
EIS	environmental impact statement
EPA	Environmental Protection Agency
ESA	Endangered Species Act of 1973
F	fahrenheit
FS	Forest Service
FCLAA	Federal Coal Leasing Act Amendments of 1976
FDM	fugitive dust model
FEIS	final environmental impact statement
FLAG	Federal land managers' air quality
FLM	Federal land management
FLPMA	Federal Land Policy Management Act of 1976
FWS	Fish and Wildlife Service
GAGMO	Gillette Area Ground Water Monitoring Organization
GNP	gross national product
gpm	gallons per minute
GSP	gross state product
HAP	hazardous air pollutant
IBLA	Interior Board of Land Appeals
IMPROVE	Interagency Monitoring of Protected Visual Environments
ISCLT	Industrial Source Complex Model-Long Term version 3
IWAQM	Interagency Workgroup on Air Quality Monitoring
Km	kilometers
Kv	kilovolts
LAC	level of acceptable change (re: air quality)
LBA	lease by application
lbs/mmBtu	pounds per million British thermal units
LFC	liquids from coal
LOP	life of project

LRMP	land and resource management plan
LW	lower Wyodak coal seam
$\sigma\text{g}/\text{m}^3$	micrograms per cubic meter
$\sigma\text{eq}/\text{L}$	microequivalents per liter
mi^2	square mile
mg/L	milligrams per liter
MLA	Mineral Leasing Act of 1920
MLE	most likely exposure
MEI	maximally exposed individual
mmbcy	million bank cubic yards
mmtpy	million tons per year
MSA	Metropolitan statistical area
MDEQ/AWM	Montana Department of Environmental Quality/Air and Waste Management Bureau
mw	megawatts
NAAQS	National Ambient Air Quality Standards
NADP	National Atmospheric Deposition Program
NAPG	North American Power Group
NEPA	National Environmental Policy Act of 1969
NIOSH	National Institute of Occupational Safety and Health
NMP	national memorial park
NO_2	nitrogen dioxide
NO_x	nitrogen oxides
NPS	National Park Service
NRHP	National Register of Historic Places
NSPS	National Source Performance Standards
O_3	photochemical oxidants
OC	organic carbon particles
OSHA	Occupational Safety and Health Administration
OSM	Office of Surface Mining Reclamation & Enforcement

PECS	passive enclosure control system
PM ₁₀	particulates finer than 10 microns
PMT	postmining topography
PP&L	Pacific Power and Light Company
PRB	Powder River Basin
PRBRC	Powder River Basin Resource Council
PRCC	Powder River Coal Company
PRES	Powder River Eagle Studies
PRRCT	Powder River Regional Coal Team
PSD	prevention of significant deterioration
R2P2	Resource Recovery and Protection Plan
RH	relative humidity
RMG	Reservoir Management Group (Wyoming State Office)
RMP	resource management plan
ROD	Record of Decision
ROW	right-of-way
scf	standard cubic feet
SARA	Superfund Amendment & Reauthorization Act of 1986
SEO	State Engineer's Office
SIP	State Implementation Plan
SHPO	State Historic Preservation Office
SHWD	Solid and Hazardous Waste Division (WDEQ)
SLAMS	state and local air monitoring stations
SMCRA	Surface Mining Control and Reclamation Act of 1977
SO ₂	sulfur dioxide
STB	Surface Transportation Board
T&E	threatened and endangered
TBCC	Thunder Basin Coal Company
TBNG	Thunder Basin National Grassland
TDS	total dissolved solids

tpy	tons per year
TSP	total suspended particulates
TWC	Thunderbird Wildlife Consulting, Inc.
USC	United States Code
USDI	US Department of the Interior
USDOC	US Department of the Census
USGS	US Geological Survey
UW	upper Wyodak coal seam
VRM	visual resource management
WAAQS	Wyoming ambient air quality standards
WAQSR	Wyoming air quality standards and regulations
WARMS	Wyoming air resources monitoring system
WCIC	Wyoming Coal Information Committee
WDEQ	Wyoming Department of Environmental Quality
WDEQ/AQD	Wyoming Department of Environmental Quality/Air Quality Division
WDEQ/LQD	Wyoming Department of Environmental Quality/Land Quality Division
WGFD	Wyoming Game and Fish Department
WMA	Wyoming Mining Association
WOC	Wyoming Outdoor Council
WOGCC	Wyoming Oil and Gas Conservation Commission
WGS	Wyoming State Geological Survey